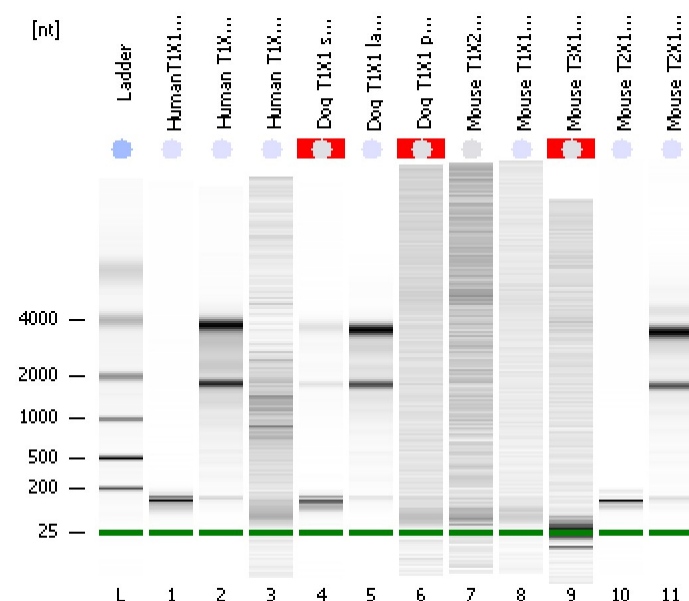


Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-13_23-22-05.xad

Created: 7/13/2010 11:22:30 PM
Modified: 7/14/2010 12:30:00 PM

Electrophoresis File Run SummaryInstrument Information:

Instrument Name: Ann's baby

Firmware: C.01.069

Serial#: DE24802235

Type: G2938B

Assay Information:

Assay Origin Path: D:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

Assay Class: Eukaryote Total RNA Pico

Version: 2.6

Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

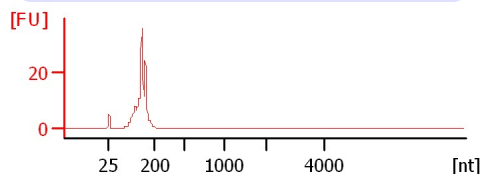
Chip Lot #:

Reagent Kit Lot #:

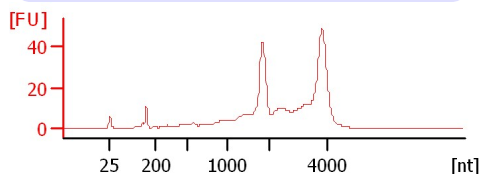
Chip Comments:

HumanT1X1 smal RNA

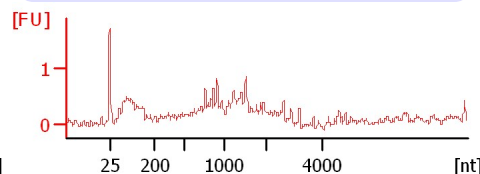
RIN: 2.60

**Human T1X1 large RNA**

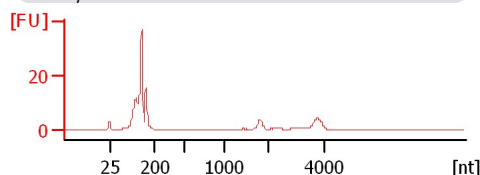
RIN: 8.50

**Human T1X1 post flash**

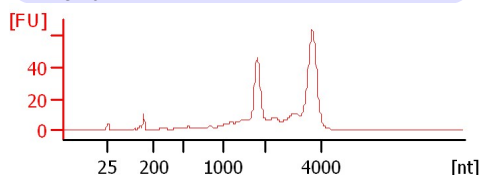
RIN: 3.50

**Dog T1X1 small RNA**

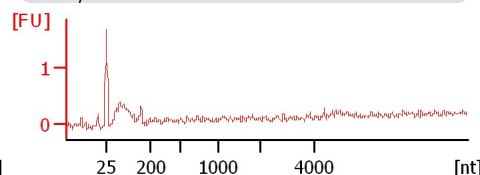
RIN N/A

**Dog T1X1 large RNA**

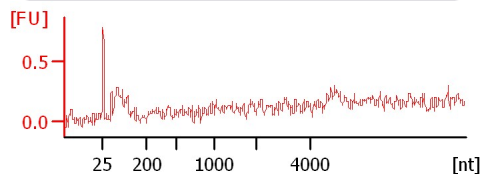
RIN: 9.10

**Dog T1X1 post flash RNA**

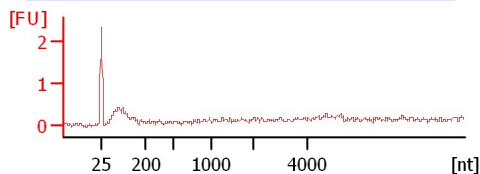
RIN N/A

**Mouse T1X2 small post flash RNA**

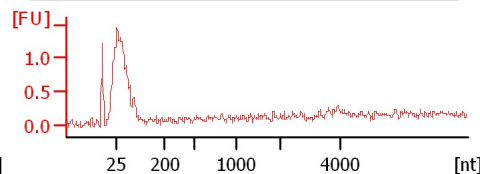
RIN N/A

**Mouse T1X1 small post flash RNA**

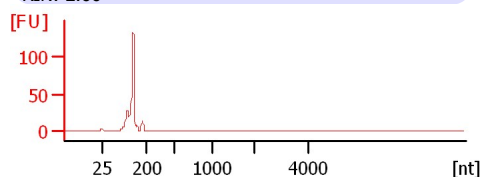
RIN: 1.80

**Mouse T3X1 small post flash RNA**

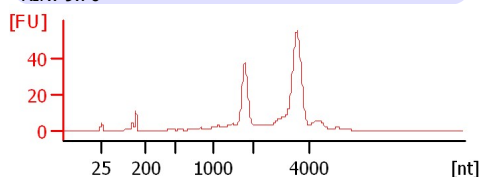
RIN N/A

**Mouse T2X1 small RNA**

RIN: 2.60

**Mouse T2X1 large RNA**

RIN: 9.70



Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-13_23-22-05.xad

Created: 7/13/2010 11:22:30 PM
Modified: 7/14/2010 12:30:00 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
HumanT1X1 smal RNA		✓	RIN: 2.60	
Human T1X1 large RNA		✓	RIN: 8.50	
Human T1X1 post flash		✓	RIN: 3.50	
Dog T1X1 small RNA		✓	RIN N/A	
Dog T1X1 large RNA		✓	RIN: 9.10	
Dog T1X1 post flash RNA		✓	RIN N/A	
Mouse T1X2 small post flash RNA		✓	RIN N/A	
Mouse T1X1 small post flash RNA		✓	RIN: 1.80	
Mouse T3X1 small post flash RNA		✓	RIN N/A	
Mouse T2X1 small RNA		✓	RIN: 2.60	
Mouse T2X1 large RNA		✓	RIN: 9.70	

Chip Lot #**Reagent Kit Lot #****Chip Comments :**

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-13_23-22-05.xad

Created: 7/13/2010 11:22:30 PM
Modified: 7/14/2010 12:30:00 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12

Minimum Visible Range [s] : 17

Maximum Visible Range [s] : 70

Start Analysis Time Range [s] : 18

End Analysis Time Range [s] : 69

Ladder Concentration [pg/ μ l] : 1000

Lower Marker Concentration [pg/ μ l] : 0

Upper Marker Concentration [pg/ μ l] : 0

Used Lower Marker for Quantitation

Standard Curve Fit is Logarithmic

Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 18

Integration End Time [s] : 69

Slope Threshold : 0.6

Height Threshold [FU] : 0.5

Area Threshold : 0.2

Width Threshold [s] : 0.3

Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

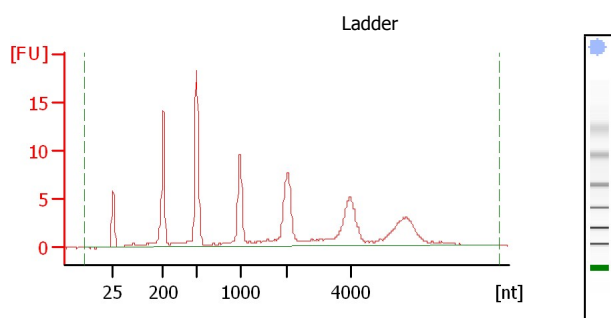
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Pico
 Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-13_23-22-05.xad

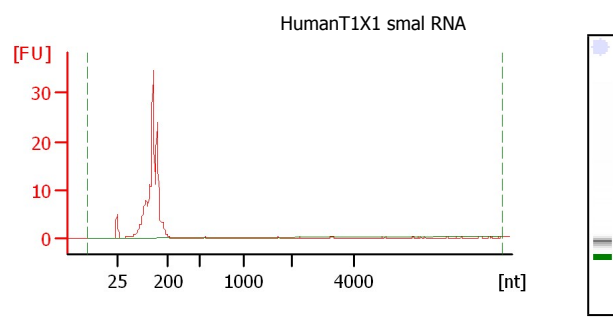
Created: 7/13/2010 11:22:30 PM
 Modified: 7/14/2010 12:30:00 PM

Electropherogram Summary



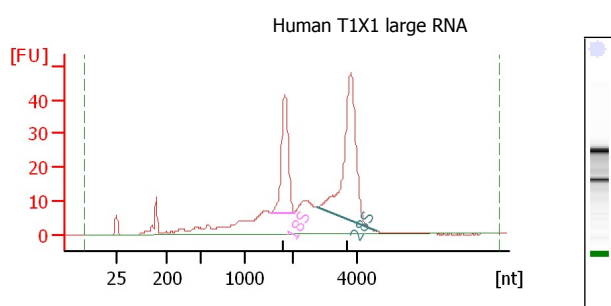
Overall Results for Ladder

RNA Area: 138.3
 RNA Concentration: 1,000 pg/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples



Overall Results for sample 1 : HumanT1X1 smal RNA

RNA Area: 117.3
 RNA Concentration: 848 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 2.6 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 2.60

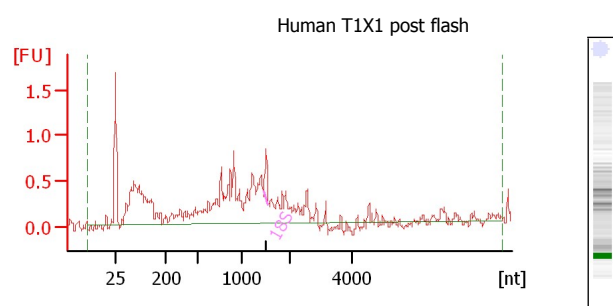


Overall Results for sample 2 : Human T1X1 large RNA

RNA Area: 495.1
 RNA Concentration: 3,579 pg/μl
 rRNA Ratio [28s / 18s]: 1.9
 RNA Integrity Number (RIN): 8.5 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.50

Fragment table for sample 2 : Human T1X1 large RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,535	2,048	76.0	15.3
28S	2,749	4,639	143.1	28.9



Overall Results for sample 3 : Human T1X1 post flash

RNA Area: 15.9
 RNA Concentration: 115 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 3.5 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 3.50

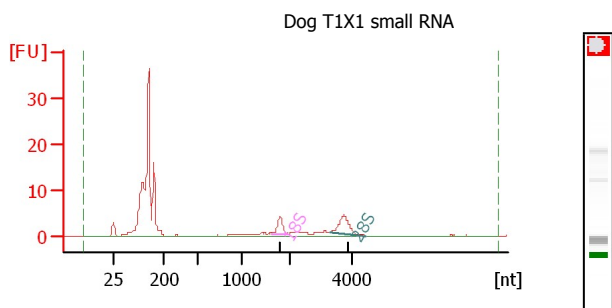
Fragment table for sample 3 : Human T1X1 post flash

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,473	1,571	0.4	2.3

Assay Class: Eukaryote Total RNA Pico
 Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-13_23-22-05.xad

Created: 7/13/2010 11:22:30 PM
 Modified: 7/14/2010 12:30:00 PM

Electropherogram Summary Continued ...

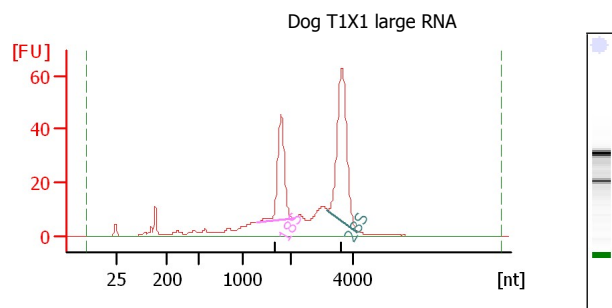


Overall Results for sample 4 : Dog T1X1 small RNA

RNA Area: 155.3
 RNA Concentration: 1,123 pg/μl
 rRNA Ratio [28s / 18s]: 1.9
 RNA Integrity Number (RIN): N/A (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Fragment table for sample 4 : Dog T1X1 small RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,633	1,958	5.8	3.8
28S	3,284	4,430	10.8	6.9

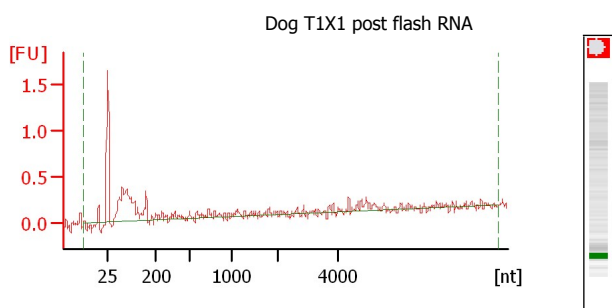


Overall Results for sample 5 : Dog T1X1 large RNA

RNA Area: 510.2
 RNA Concentration: 3,688 pg/μl
 rRNA Ratio [28s / 18s]: 1.7
 RNA Integrity Number (RIN): 9.1 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.10

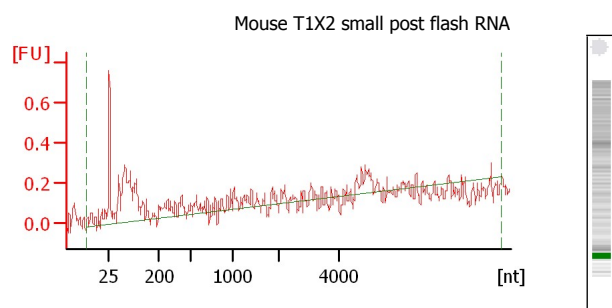
Fragment table for sample 5 : Dog T1X1 large RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,285	2,135	88.3	17.3
28S	3,193	4,157	148.0	29.0



Overall Results for sample 6 : Dog T1X1 post flash RNA

RNA Area: 5.1
 RNA Concentration: 37 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN N/A



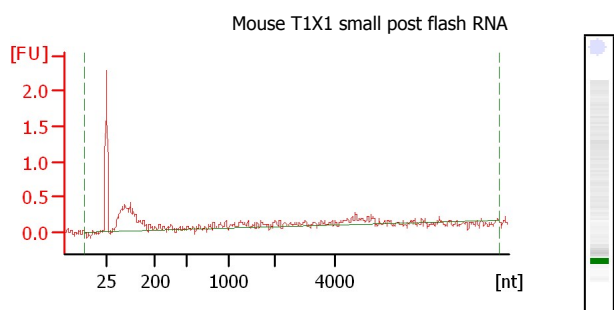
Overall Results for sample 7 : Mouse T1X2 small post flash RNA

RNA Area: 5.3
 RNA Concentration: 39 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 Result Flagging Color:
 Result Flagging Label: RIN N/A

Assay Class: Eukaryote Total RNA Pico
 Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-13_23-22-05.xad

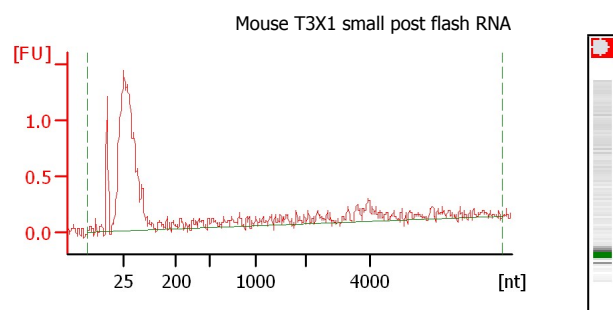
Created: 7/13/2010 11:22:30 PM
 Modified: 7/14/2010 12:30:00 PM

Electropherogram Summary Continued ...



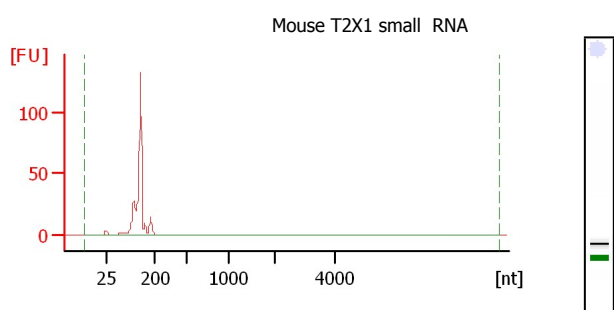
Overall Results for sample 8 : Mouse T1X1 small post flash RNA

RNA Area: 6.4
 RNA Concentration: 46 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 1.8 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 1.80



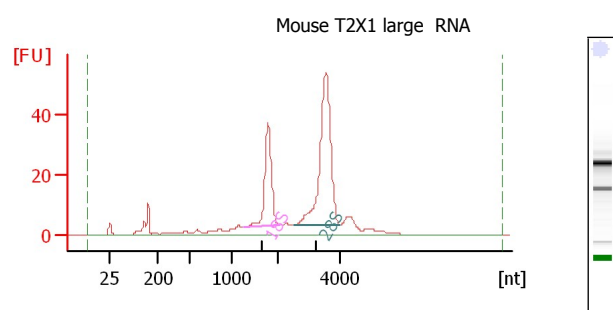
Overall Results for sample 9 : Mouse T3X1 small post flash RNA

RNA Area: 10.2
 RNA Concentration: 73 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): N/A (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN N/A



Overall Results for sample 10 : Mouse T2X1 small RNA

RNA Area: 279.6
 RNA Concentration: 2,021 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 2.6 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 2.60



Overall Results for sample 11 : Mouse T2X1 large RNA

RNA Area: 416.5
 RNA Concentration: 3,011 pg/μl
 rRNA Ratio [28s / 18s]: 2.0
 RNA Integrity Number (RIN): 9.7 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.70

Fragment table for sample 11 : Mouse T2X1 large RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,254	2,063	79.1	19.0
28S	2,493	4,033	161.2	38.7

Assay Class: Eukaryote Total RNA Pico
Data Path: D:\...Eukaryote Total RNA Pico_DE24802235_2010-07-13_23-22-05.xad

Created: 7/13/2010 11:22:30 PM
Modified: 7/14/2010 12:30:00 PM

Gel Image